FIG. 1

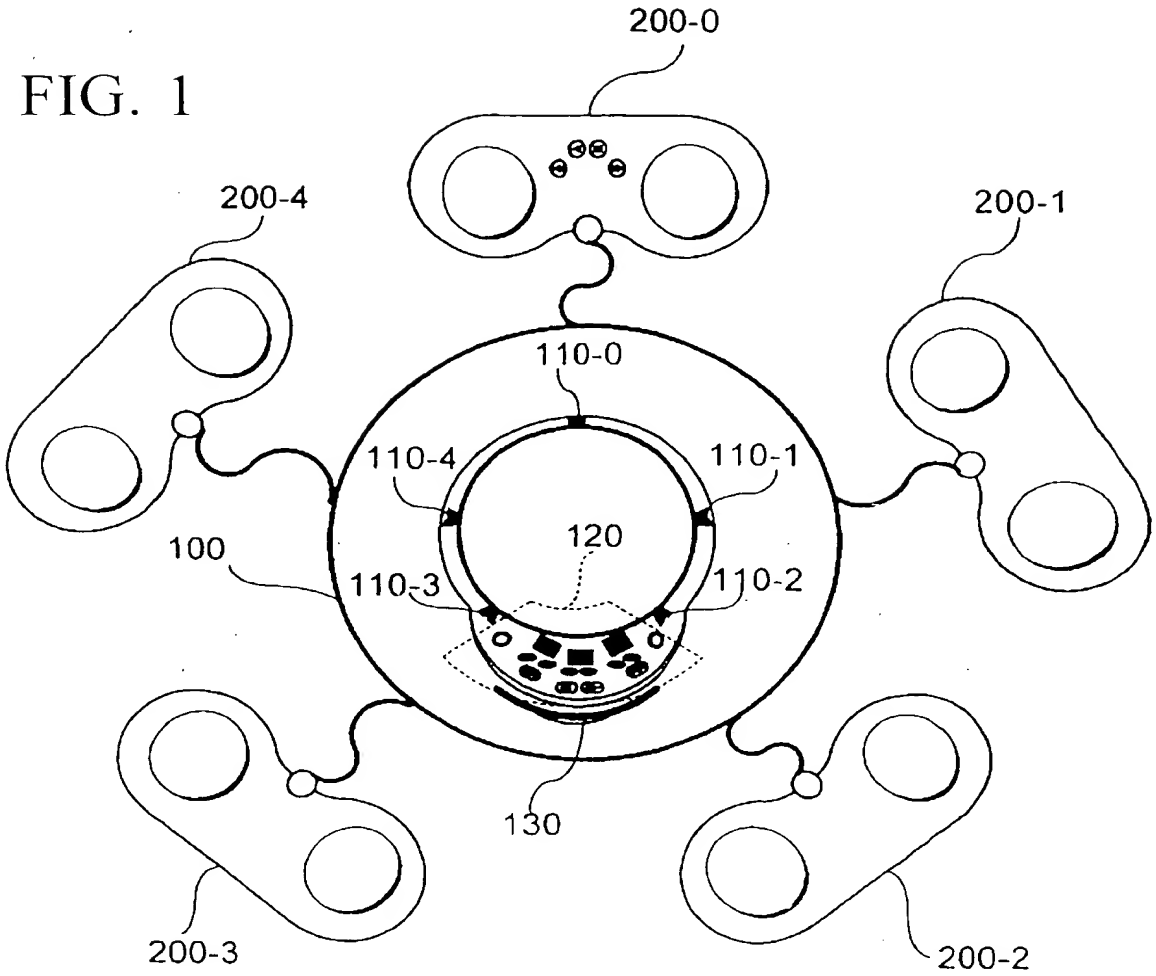

200-0
200-4
200-1
110-0
110-4
110-1
120
100
110-3
110-2
130
200-3
200-2

FIG. 2

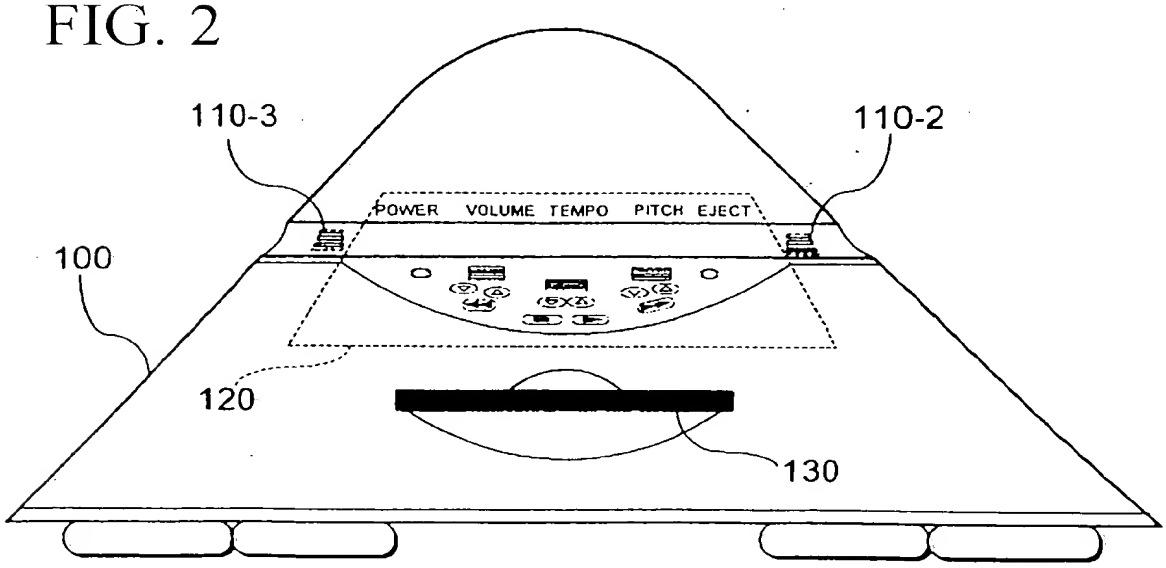
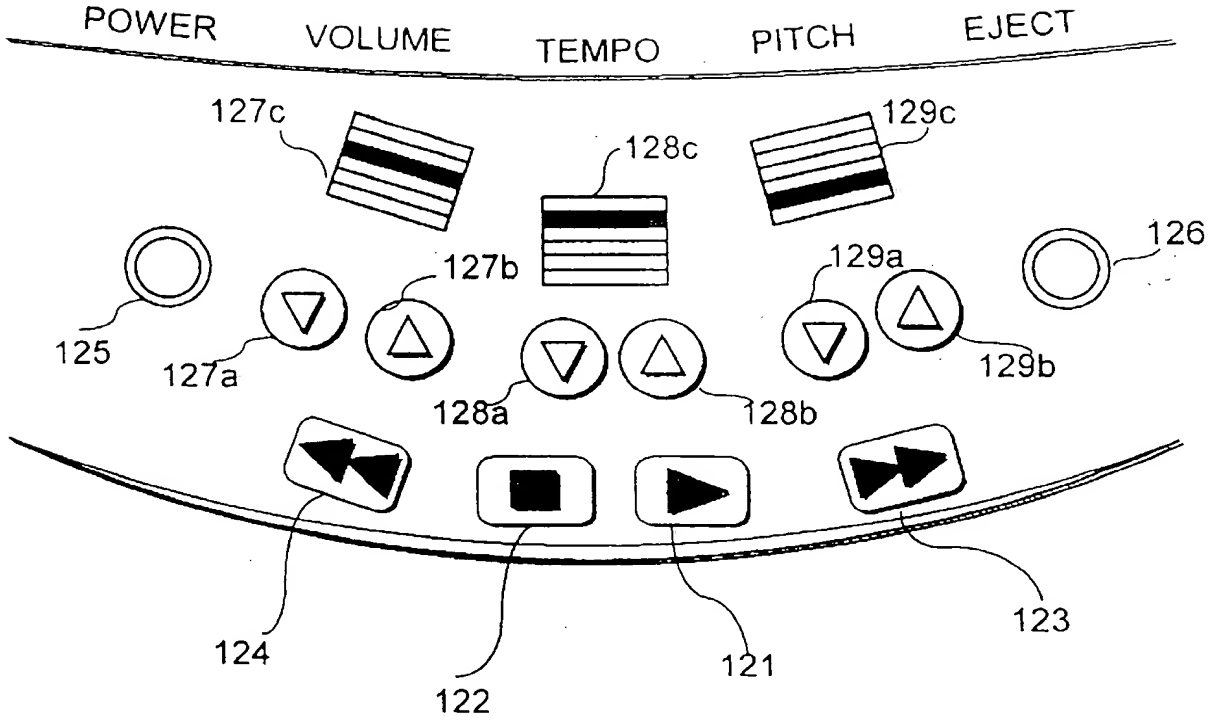

110-3
110-2
POWER VOLUME TEMPO PITCH EJECT
100
120
130

FIG. 3



120 : CONTROL PANEL

FIG. 4

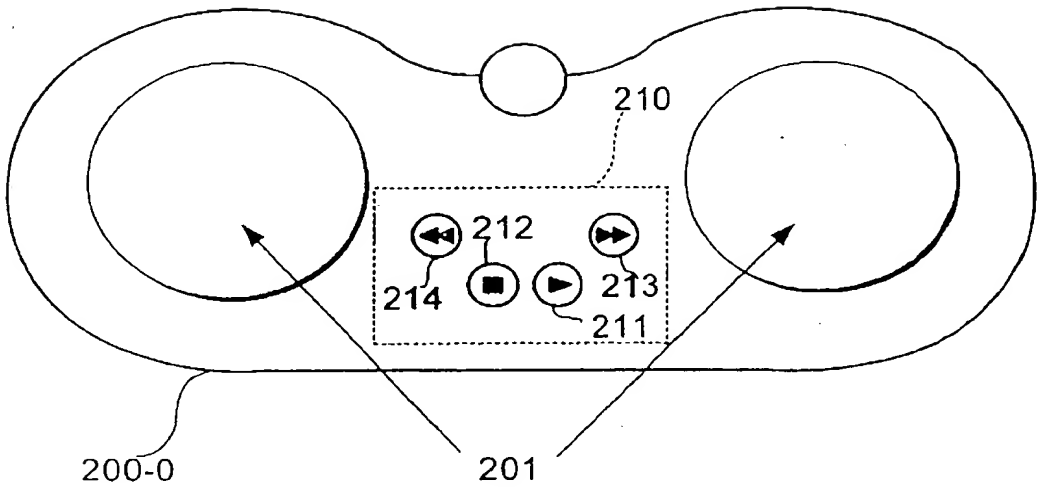
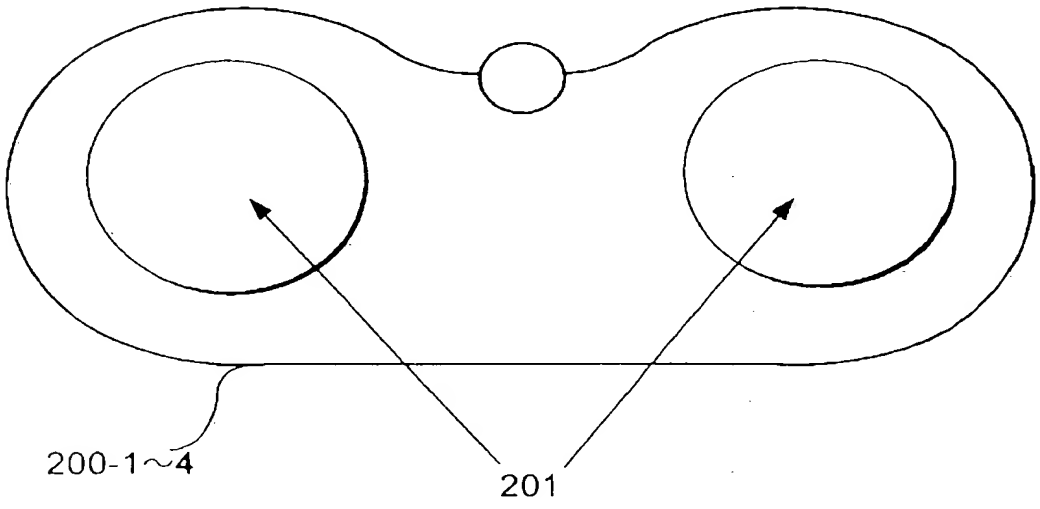


FIG. 5



00722T 2795h260

FIG. 6

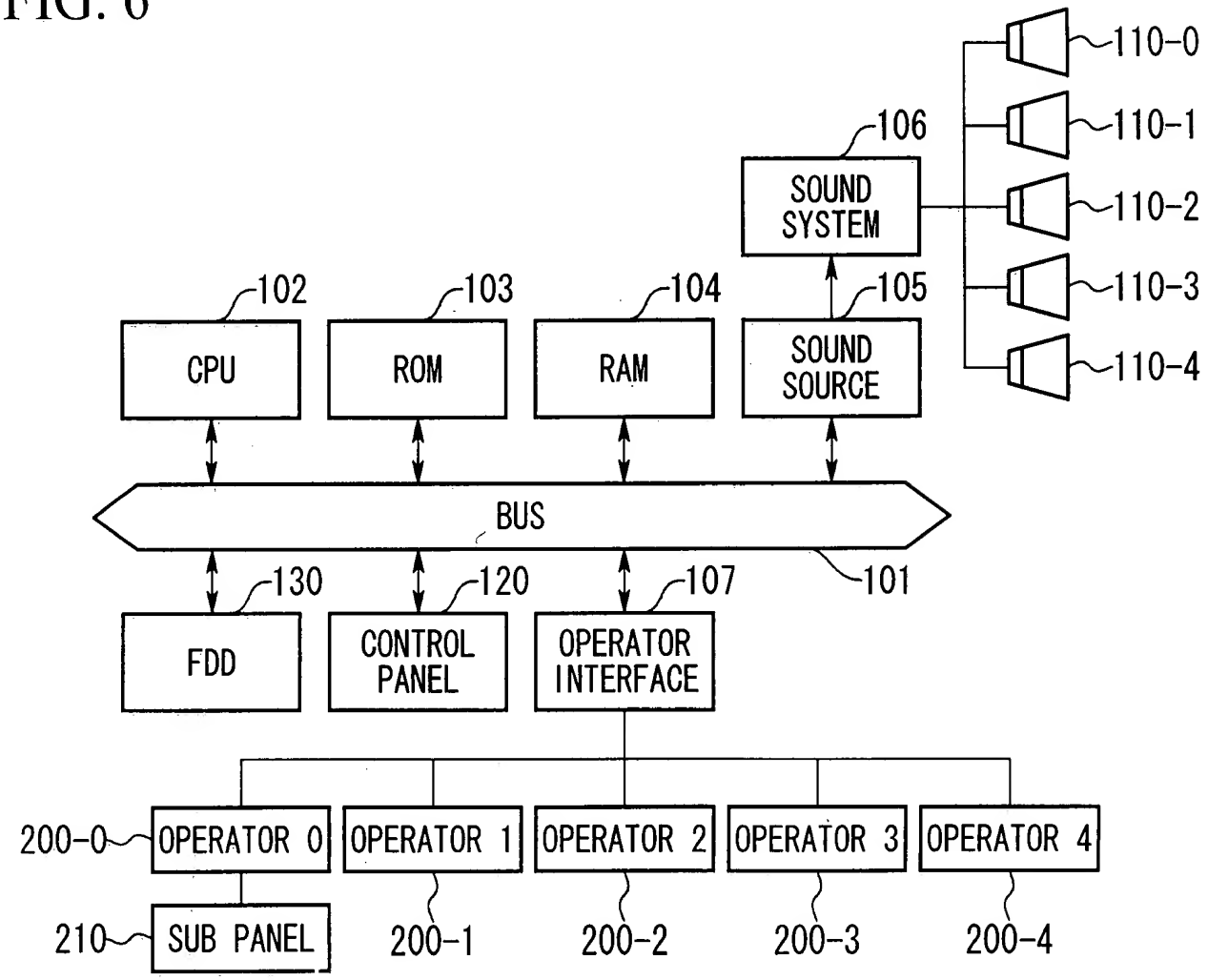


FIG. 7

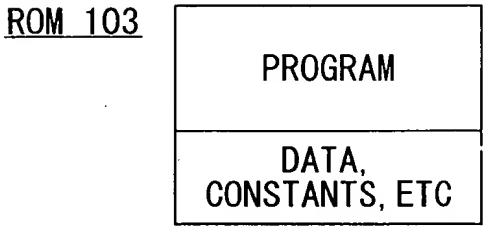

ROM 103
PROGRAM
DATA,
CONSTANTS, ETC

FIG. 8

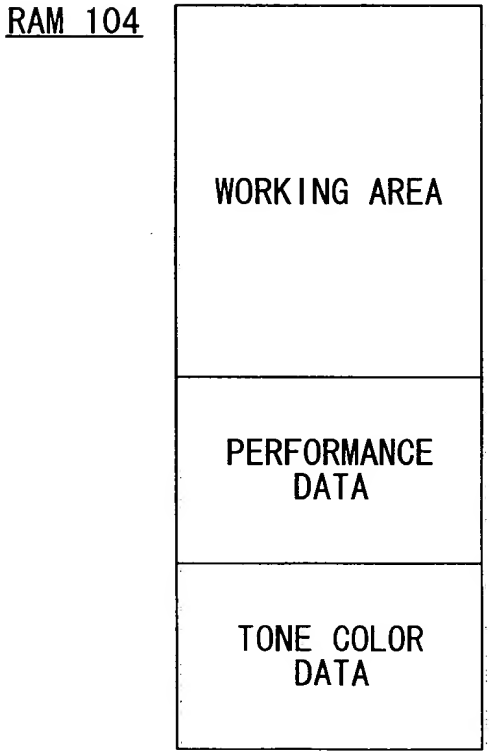

RAM 104
WORKING AREA
PERFORMANCE
DATA
TONE COLOR
DATA

FIG. 9

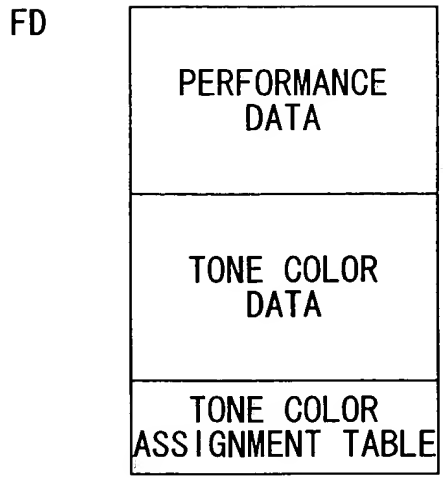


FIG. 10

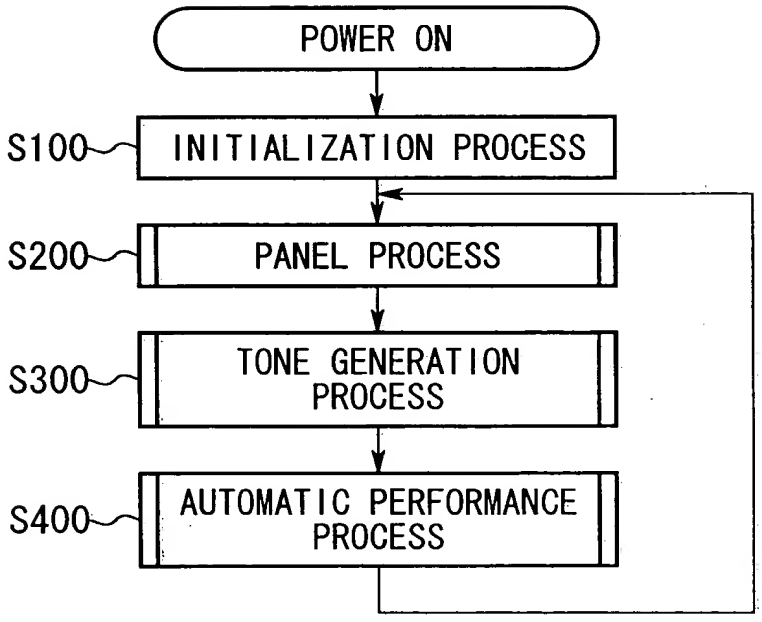


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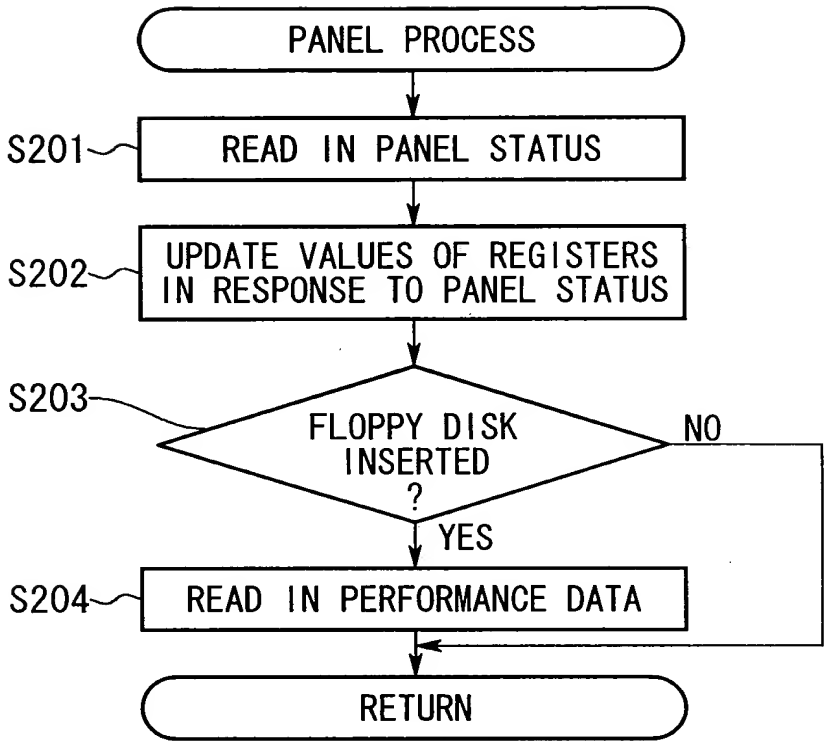
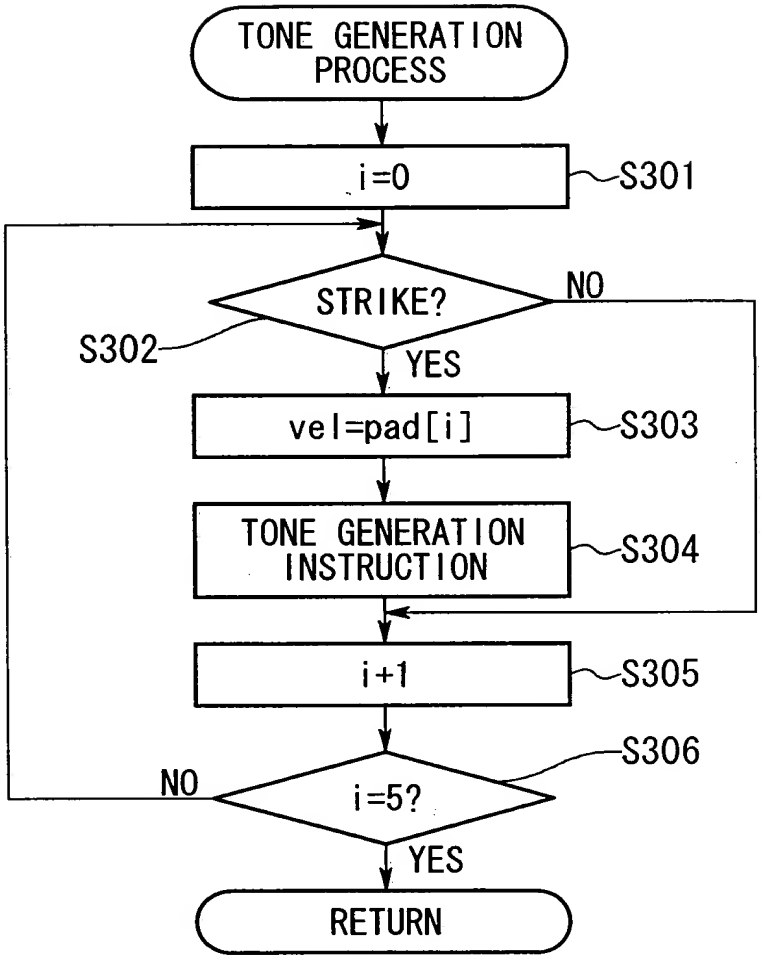
FIG. 11



US 6,956,950 B2 Oct. 18, 2005

FIG. 12


TONE GENERATION PROCESS
i=0
S301
STRIKE?
NO
S302
YES
vel=pad[i]
S303
TONE GENERATION INSTRUCTION
S304
i+1
S305
S306
NO
i=5?
YES
RETURN

00T22T 2795h760

FIG. 13

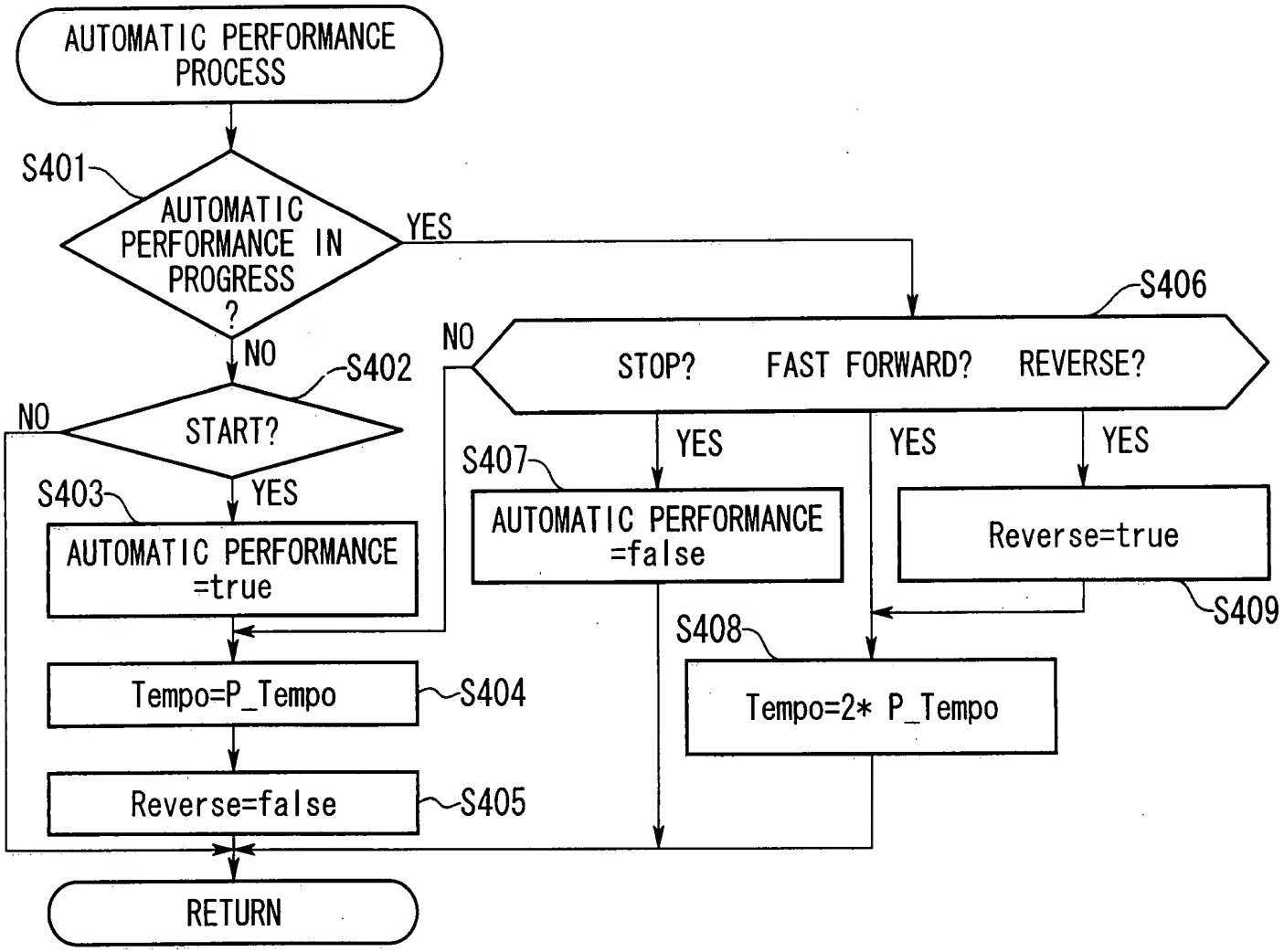


FIG. 14

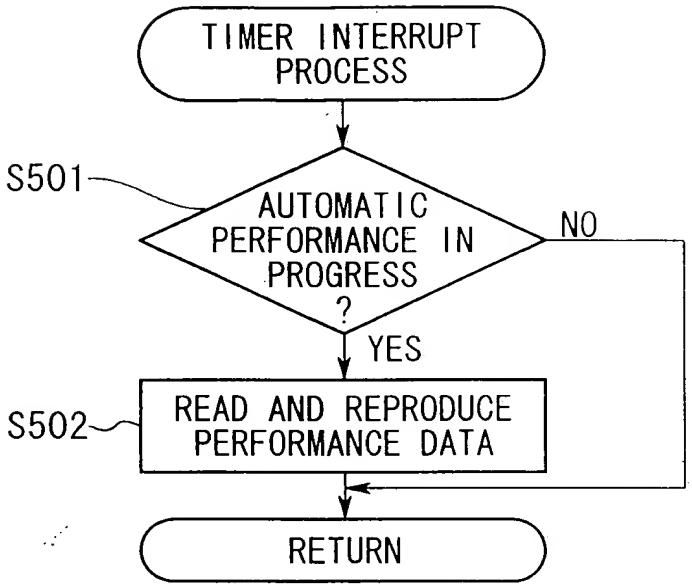

TIMER INTERRUPT PROCESS
S501
AUTOMATIC PERFORMANCE IN PROGRESS ?
NO
YES
S502
READ AND REPRODUCE PERFORMANCE DATA
RETURN

FIG. 15

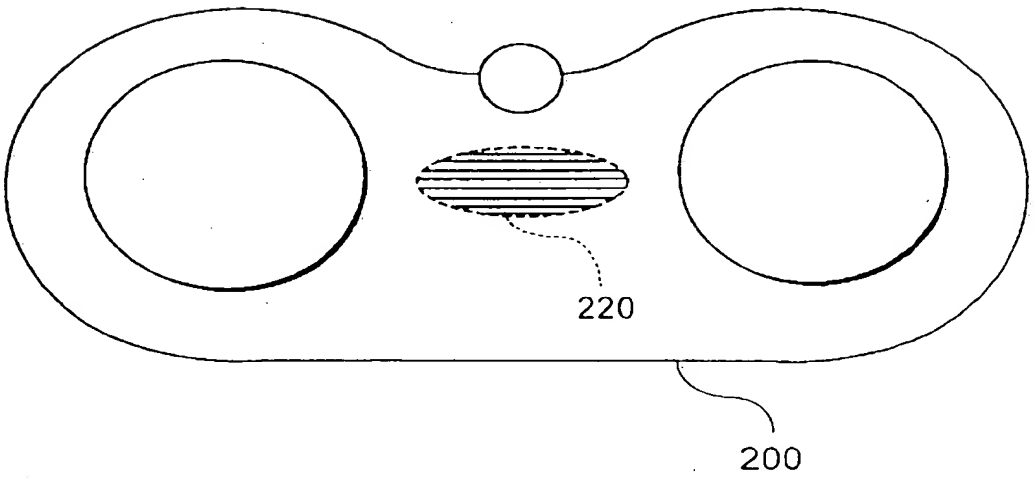
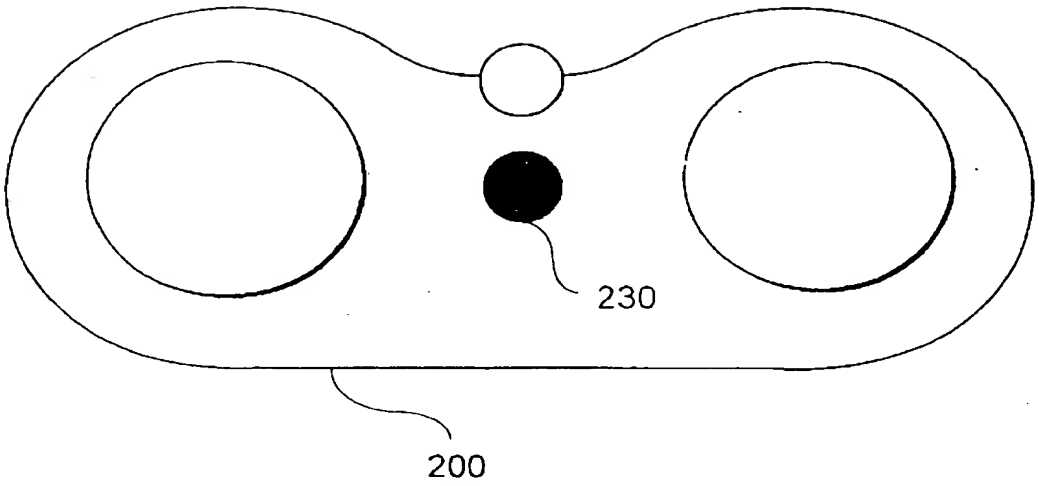

220
200

FIG. 16



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